

What is claimed is:

1. An amputated part holding apparatus comprising:
a casing:
a contact member provided in the casing to define a particle charge chamber between the contact member and the casing, the contact member being operable to come into contact with an amputated part owing to increased particles in the particle charge chamber,
wherein the casing is formed with a charging hole for charging particles into the particle charge chamber.
2. The amputated part holding apparatus according to claim 1, further comprising an expander member provided in the particle charge chamber for applying additional pressing forces to particles charged in the particle charge chamber.
3. The amputated part holding apparatus according to claim 2, wherein the expander member has an enclosed space for receiving a pressurized fluid.

4. The amputated part holding apparatus according to claim 1, wherein the casing is further formed with a discharging hole, further comprising a particle supply unit including:

a particle storage chamber for storing particles;

a charging passage for connecting the charging hole of the casing with the particle storage chamber;

a discharging passage for connecting the discharging hole of the casing with the particle storage chamber.

5. The amputated part holding apparatus according to claim 4, wherein the particle supply unit further includes a conveying device provided in the particle storage chamber for conveying particles from the particle storage chamber to the charging passage, and particles from the discharging passage to the particle storage chamber.

6. The amputated part holding apparatus according to claim 1, wherein the particle is made of synthetic resin.

7. The amputated part holding apparatus according to claim 4, further comprising a support unit for supporting the casing in such a way as to rotate in a predetermined axis.

8. A method for making a mould of an amputated part comprising the steps of:

attaching a mould material onto an amputated part;

inserting the amputated part attached with a mould material into a space defined by a contact member which defines a particle charge chamber owing to a mechanical connection with a casing;

charging particles into the particle charge chamber to cause the contact member to come into contact with the mould material attached on the amputated part;

keeping the amputated part in the space defined by the contact member until the mould material reaches a predetermined hardness; and

discharging the particles from the particle charge chamber to allow the amputated part attached with the hardened mould material to withdraw from the space defined by the contact member.

9. The method according to claim 8, further comprising the step of supplying a pressurized fluid into the particle charge chamber charged with particles to keep the particles in an immovable state.